

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

& TRADE Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

EXPOSED LEAD INTERPOSER FRAME PACKAGE

Application Number:

10/667226

Confirmation Number:

7010

First Named Applicant:

Donald Foster Attorney Docket Number: AMKOR089A

Art Unit:

2811

Search string:

(6197615 or 6198171 or 6201186 or 6201292 or 6204554 or 6208020 or 6208021 or 6208023 or 6211462 or 6218731 or 6222258 or 6225146 or 6229200 or 6229205 or 6239367 or 6239384 or 6242281 or 6256200 or 6258629 or 6281566 or 6281568 or 6282095 or 6285075 or 6291271 or 6291273 or 6294100 or 6294830 or 6295977 or 6297548 or 6303984 or 6303997 or 6307272 or 6309909 or 6316822 or 6316838 or 6323550 or 6326243 or 6326244 or 6326678 or 6335564 or 6337510 or 6339255 or 6348726 or 6355502 or 6369447 or 6369454 or 6373127 or 6380048

or 6384472 or 6388336).pn.

US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
im	1	6197615	2001-03-06	SONG ET AL			
	2	6198171	2001-03-06	HUANG ET AL			
	3	6201186	2001-03-13	DANIELS ET AL		•	
	4	6201292	2001-03-13	YAGI ET AL			•
	5	6204554	2001-03-20	EWER ET AL			
	6	6208020	2001-03-27	MINAMIO			
	7	6208021	2001-03-27	OHUCHI ET AL			
	8	6208023	2001-03-27	NAKAYAMA ET AL			
	9	6211462	2001-04-03	CARTER, JR. ET AL			
	10	6218731	2001-04-17	HUANG ET AL.			

m	11	6222258	2001-04-24	ASANO ET AL
	12	6225146	2001-05-01	YAMAGUCHI ET AL
Ti	13	6229200	2001-05-08	MCLELLAN ET AL
	14	6229205	2001-05-08	JEONG ET AL
Ti	15	6239367	2001-05-29	HSUAN ET AL.
Ti	16	6239384	2001-05-29	SMITH ET AL
	17	6242281	2001-06-05	MCLELLAN ET AL
	18 ·	6256200	2001-07-03	LAM ET AL
Ti	19	6258629	2001-07-10	NIONES ET AL
	20	6281566	2001-08-28	MAGNI
	21	6281568	2001-08-28	GLENN ET AL.
	22	6282095	2001-08-28	HOUGHTON ET AL.
	23	6285075	2001-09-04	COMBS ET AL.
	24	6291271	2001-09-18	LEE ET AL.
	25	6291273	2001-09-18	MIYAKI ET AL.
	26	6294100	2001-09-25	FAN ET AL.
	27	6294830	2001-09-25	FJELSTAD
	28	6295977	2001-10-02	RIPPER ET AL.
	29	6297548	2001-10-02	MODEN ET AL.
	30	6303984	2001-10-16	CORISIS
	31	6303997	2001-10-16	LEE
	32	6307272	2001-10-23	TAKAHASHI ET AL.
	33	6309909	2001-10-30	OHGIYAMA
	34	6316822	2001-11-13	VENKATESHWARAN ET AL.
	35	6316838	2001-11-13	OZAWA ET AL.
	36	6323550	2001-11-27	MARTIN ET AL.
	37	6326243	2001-12-04	SUZUYA ET AL.
	38	6326244	2001-12-04	BROOKS ET AL.
	39	6326678	2001-12-04	KARMEZOS ET AL.
	40	6335564	2002-01-01	POUR
	41	6337510	2002-01-08	CHUN-JEN ET AL.
	42	6339255	2002-01-15	SHIN
	43	6348726	2002-02-19	BAYAN ET AL.
	44	6355502	2002-03-12	KANG ET AL.
	45	6369447	2002-04-09	MORI
V	46	6369454	2002-04-09	CHUNG

am	47	6373127	2002-04-16	BAUDOUIN ET AL.
	48	6380048	2002-04-30	BOON ET AL.
	49	6384472	2002-05-07	HUANG
	50	6388336	2002-05-14	VENKATESHWARAN ET AL.

Examiner Name	Date		
Junphow Jrm	Feb 7, 2006		



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(6395578 or 6400004 or 6410979 or 6414385

or 6420779 or 6429508 or 6437429 or 6444499 or 6448633 or 6452279 or 6464121 or 6476469 or 6476474 or 6482680 or 6498099 or 6498392 or 6507096 or 6507120 or 6534849 or 6559525

or 6566168).pn.

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i	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
5	1/2	1	6395578	2002-05-28	SHIN ET AL.			
Ĺ	$oxed{\mathbb{D}}$	2	6400004	2002-06-04	FAN ET AL.			
	\prod	3	6410979	2002-06-25	. ABE			
	\prod	4	6414385	2002-07-02	HUANG ET AL.			
	\prod	5	6420779	2002-07-16	SHARMA ET AL.			
		6	6429508	2002-08-06	GANG			٠
	\prod	7	6437429	2002-08-20	SU ET AL.			
	\prod	. 8	6444499	2002-09-03	SWISS ET AL.			
	\Box	9	6448633	2002-09-10	YEE ET AL.			
		10	6452279	2002-09-17	SHIMODA			
		11	6464121	2002-10-15	REIJNDERS			
		12	6476469	2002-11-05	HUNG ET AL.			
Ī		13	6476474	2002-11-05	HUNG			
		14	6482680	2002-11-19	KHOR ET AL.			
F		15	6498099	2002-12-24	MCLELLAN ET AL.			

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		16	6498392	2002-12-24	AZUMA
		17	6507096	2003-01-14	GANG
		18	6507120	2003-01-14	LO ET AL.
		19	6534849	2003-03-18	GANG
		20	6559525	2003-05-06	HUANG.
V	刁	21	6566168	2003-05-20	GANG

△ Examiner Name	Date
Junper den	Feb 7, 2006

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(2596993 or 3435815 or 3734660 or 3838984 or 4054238 or 4189342 or 4258381 or 4289922 or 4301464 or 4332537 or 4417266 or 4451224 or 4530152 or 4541003 or 4646710 or 4707724 or 4727633 or 4737839 or 4756080 or 4812896 or 4862245 or 4862246 or 4907067 or 4920074 or 4935803 or 4942454 or 4987475 or 5018003 or 5029386 or 5041902 or 5057900 or 5059379 or 5065223 or 5070039 or 5087961 or 5091341 or 5096852 or 5118298 or 5151039 or 5157475 or 5157480 or 5168368 or 5172213 or 5172214 or 5175060 or 5200362 or 5200809 or 5214845 or 5216278 or 5218231 or 20010008305 or 20010014538 or 20010011654 or 20020024122

or 20020027297 or 20020140061 or

20020140068 or 20020163015 or 20030030131

or 20030073265).pn.

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
Im	1	2596993	1952-05-20	S.L. GOOKIN			
	2	3435815	1969-04-01	FORCIER			
	3	3734660	1973-05-22	DAVIES ET AL.			
	4	3838984	1974-10-01	CRANE ET AL.			
	5	4054238	1977-10-18	LLOYD ET AL.			
	6	4189342	1980-02-19	коск		!	
V	7	4258381	1981-03-24	INABA			

1	8	4289922	1981-09-15	DEVLIN
<i>17</i> 70	9	4301464	1981-11-17	OTSUKI ET AL.
+	10	4332537	1982-06-01	}
+		4417266	1983-11-22	SLEPCEVIC
+	11			GRABBE
+	12	4451224	1984-05-29	HARDING
\mathbb{H}	13	4530152	1985-07-23	ROCHE ET AL.
+	14	4541003	1985-09-10	OTSUKA ET AL.
\mathbb{H}	15	4646710	1987-04-03	SCHMID ET AL.
\blacksquare	16	4707724	1987-11-17	SUZUKI ET AL.
4	17	4727633	1988-03-01	HERRICK
Щ	18	4737839	1988-04-12	BURT
Щ	19	4756080	1988-07-12	THORP, JR. ET AL.
Щ	20	4812896	1989-03-14	ROTHGERY ET AL.
Щ	21	4862245	1989-08-29	PASHBY ET AL.
Ш	22	4862246	1989-08-29	MASUDA ET AL.
	23	4907067	1990-03-06	DERRYBERRY
	24	4920074	1990-04-24	SHIMIZU ET AL.
	25	4935803	1990-06-19	. KALFUS ET AL.
Ш	26	4942454	1990-07-17	MORI ET AL.
	· 27	4987475	1991-01-22	SCHLESINGER ET AL.
	28	5018003	1991-05-21	YASUNAGA ET AL.
	29	5029386	1991-07-09	CHAO ET AL.
	30	5041902	1991-08-20	MCSHANE
	31	5057900	1991-10-15	YAMAZAKI
	32	5059379	1991-10-22	TSUTSUMI ET AL.
	33	5065223	1991-11-12	MATSUKI ET AL.
	34	5070039	1991-12-03	JOHNSON ET AL.
	35	5087961	1992-02-11	LONG ET AL.
\Box	36	5091341	1992-02-25	ASADA ET AL.
	37	5096852	1992-03-17	HOBSON
\Box	38	5118298	1992-06-02	MURPHY
而	39	5151039	1992-09-29	MURPHY
\Box	40	5157475	1992-10-20	YAMAGUCHI
\Box	41	5157480	1992-10-20	MCSHANE ET AL.
\Box	42	5168368	1992-12-01	GOW, 3RD ET AL.
M	43	5172213	1992-12-15	ZIMMERMAN

om	44	5172214	1992-12-15	CASTO
	45	5175060	1992-12-29	ENOMOTO ET AL.
	46	5200362	1993-04-06	LIN ET AL.
	. 47	5200809	1993-04-06	KWON
	48	5214845	1993-06-01	KING ET AL.
	49	5216278	1993-06-01	LIN ET AL.
V	50	5218231	1993-06-08	KUDO

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
m	1	20010008305	2001-07-19	MCLELLAN ET AL.			
	. 2	20010014538	2001-08-16	KWAN ET AL.		·	
	3	20010011654	2002-01-31	KIMURA			
	4	20020024122	2002-02-28	JUNG ET AL.			
	5	20020027297	2002-03-07	IKENAGA ET AL.			
	6	20020140061	2002-10-03	LEE			
	7	20020140068	2002-10-03	· LEE ET AL.			
	8	20020163015	2002-11-07	LEE ET AL.			
	9	20030030131	2003-02-13	LEE ET AL.			
	10	20030073265	2003-04-17	HU ET AL.			

Examiner Name	Date
Junger Om	Feb 7, 2WB

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

or 6184573 or 6194777).pn.

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
Ton	1	5909053	1999-06-01	FUKASE ET AL.			
	2	5915998	1999-06-29	STIDHAM ET AL.			
	3	5917242	1999-06-29	BALL			
	4	5939779	1999-08-17	KIM			
	5	5942794	1999-08-24	OKUMURA ET AL.			
	6	5951305	1999-09-14	HABA			
	7	5959356	1999-09-28	ОН			
	8	5969426 ⁻	1999-10-19	BABA ET AL.			
	9	5973388	1999-10-26	CHEW ET AL.			
V	10	5976912	1999-11-02	FUKUTOMI ET AL.			

11	5977613		
	39//013	1999-11-02	TAKATA ET AL
12	5977615	1999-11-02	YAMAGUCHI ET AL.
13	5977630	1999-11-02	WOODWORTH ET AL.
14	5981314	1999-11-09	GLENN ET AL.
15	5986333	1999-11-16	NAKAMURA
16	5986885	1999-11-16	WYLAND
17	6001671	1999-12-14	FJELSTAD
18	6013947	2000-01-11	LIM
19	6018189	2000-01-25	MIZUNO
20	6020625	2000-02-01	QIN ET AL.
21	6025640	2000-02-15	YAGI ET AL.
22	6031279	2000-02-29	LENZ
23	RE36613	2000-03-14	BALL
24	6034423	2000-03-07	MOSTAFAZADEH
25	6040626	2000-03-21	CHEAH ET AL.
26	6043430	2000-03-28	CHUN
27	6060768	2000-05-09	HAYASHIDA ET AL.
28	6060769	2000-05-09	WARK
29	6072228	2000-06-06	HINKLE ET AL.
30	6075284	2000-06-13	CHOI ET AL.
31	6081029	2000-06-27	YAMAGUCHI
32	6084310	2000-07-04	MIZUNO ET AL.
33	6087715	2000-07-11	SAWADA ET AL.
34	6087722	2000-07-11	LEE ET AL.
35	6100594	2000-08-08	FUKUI ET AL.
36	6113474	2000-09-05	-COSTANTINI ET AL.
37	6118174	2000-09-12	KIM
38	6118184	2000-09-12	ISHIO ET AL.
39	6130115	2000-10-10	OKUMURA ET AL.
40	6130473	2000-10-10	MOSTAFAZADEH ET AL.
41	RE36907	2000-10-10	TEMPLETON, JR ET AL
42	6133623	2000-10-17	OTSUKI ET AL.
43	6140154	2000-10-31	HINKLE ET AL
44	6143981	2000-11-07	GLENN
45	6169329	2001-01-02	FARNWORTH ET AL
46	6177718	2001-01-23	KOZONO
	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	15 5986333 16 5986885 17 6001671 18 6013947 19 6018189 20 6020625 21 6025640 22 6031279 23 RE36613 24 6034423 25 6040626 26 6043430 27 6060768 28 6060769 29 6072228 30 6075284 31 6081029 32 6084310 33 6087715 34 6087722 35 6100594 36 6113474 37 6118174 38 6118184 39 6130115 40 6130473 41 RE36907 42 6133623 43 6140154 44 6143981 45 6169329	15 5986333 1999-11-16 16 5986885 1999-11-16 17 6001671 1999-12-14 18 6013947 2000-01-11 19 6018189 2000-02-01 20 6020625 2000-02-01 21 6025640 2000-02-29 23 RE36613 2000-03-14 24 6034423 2000-03-07 25 6040626 2000-03-21 26 6043430 2000-05-09 28 6060769 2000-05-09 29 6072228 2000-06-06 30 6075284 2000-06-27 32 6084310 2000-07-04 33 6087715 2000-07-11 34 6087722 2000-07-11 35 6100594 2000-09-05 37 6118174 2000-09-12 38 6118184 2000-09-12 39 6130115 2000-10-10 40 6130473 2000-10-10 <td< td=""></td<>

par. No & inventor Nor matching

Jml_	47	6181002	2001-01-30	JUSO ET AL
	48	6184465	2001-02-06	CORISIS
	49	6184573	2001-02-06	PU
V	50	6194777	2001-02-27	ABBOTT ET AL

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Junger Im	Tel 7, 2016



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or 5903049 or 5903050).pn.

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ir	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
9	SA)	1	5640047	1997-06-17	NAKASHIMA			
		2	5641997	1997-06-24	OHTA ET AL.	!		
		3	5643433	1997-07-01	FUKASE ET AL.			
		4	5644169	1997-07-01	CHUN			
		5	5646831	1997-07-08	MANTEGHI			
		6	5650663	1997-07-22	-22 PARTHASARANTHI			
		7	5661088	1997-08-26	6 TESSIER ET AL.			
		8	5665996	1997-09-09	WILLIAMS ET AL.			
		9	5673479	1997-10-07	HAWTHORNE			
1		10	5683806	1997-11-04	SAKUMOTO ET AL.			

Trest	11	5689135	1997-11-18	BALL
1	12	5696666	1997-12-09	MILES ET AL.
Ħ	13	5701034	1997-12-23	MARRS
Ħ	14	5703407	1997-12-30	HORI
Ħ	15	57.10064	1998-01-20	SONG ET AL.
Ħ	16	5723899	1998-03-03	SHIN
Ħ	17	5724233	1998-03-03	HONDA ET AL.
Ħ	18	5736432	1998-04-07	MACKESSY
Ħ	19	5745984	1998-05-05	COLE, JR. ET AL.
Ħ	20	5753532	1998-05-19	SIM
Ti	21	5753977	1998-05-19	KUSAKA ET AL.
Ħ	22	5766972	1998-06-16	TAKAHASHI ET AL.
T	· 23	5770888	1998-06-23	SONG ET AL.
П	24	5776798	1998-07-07	QUAN ET AL.
	25	5783861	1998-07-21	SON
\Box	26.	5801440	1998-09-01	CHU ET AL.
	27	5814877	1998-09-29	DIFFENDERFER ET AL.
	28	5814881	1998-09-29	ALAGARATNAM ET AL.
	29	5814883	1998-09-29	SAWAI ET AL.
	30	5814884	1998-09-29	DAVIS ET AL.
	31	5817540	1998-10-06	WARK
	32	5818105	1998-10-06	KOUDA
	33	5821457	1998-10-13	MOSLEY ET AL.
	34	5821615	1998-10-13	LEE
\coprod	35	5834830	1998-11-10	СНО
	36	5835988	1998-11-10	ISHII
	37	5844306	1998-12-01	FUJITA ET AL.
	38	5856911	1999-01-05	RILEY
	39	5859471	1999-01-12	KURAISHI ET AL
\prod	40	5866939	1999-02-02	SHIN ET AL.
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\prod	42	5874784	1999-02-23	AOKI ET AL.
\prod	43	5877043	1999-03-02	ALCOE ET AL.
\prod	44	5886397	1999-03-23	EWER
\prod	45	5886398	1999-03-23	LOW ET AL.
	46	5894108	1999-04-13	MOSTAFAZADEH ET AL.

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m	47	5897339	1999-04-27	SONG ET AL.
	48	5900676	1999-05-04	KWEON ET AL.
	49	5903049	1999-05-11	MORI
J	50	5903050	1999-05-11	THURAIRAJARATNAM ET AL.

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or 5633528 or 5639990).pn.

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
m	1	5221642	1993-06-22	BURNS			
	2	5250841	1993-10-05	SLOAN ET AL.			
	3	5252853	1993-10-12	MICHII			
	4	5258094	1993-11-02	FURUI ET AL.			
	5	5266834	1993-11-30	NISHI ET AL.			
	6	5273938	1993-12-28	LIN ET AL.			
	7	5277972	1994-01-11	SAKUMOTO ET AL.			
	8	5278446	1994-01-11	NAGARAJ ET AL.			
Ш	9	5279029	1994-01-18	BURNS			
	10	5294897	1994-03-15	NOTANI ET AL.			

342	11	5327008	1994-06-05	DJENNAS ET AL.
	12	5332864	1994-07-26	LIANG ET AL.
	13	5335771	1994-08-09	MURPHY
	14	5336931	1994-08-09	JUSKEY ET AL.
	15	5343076	1994-08-30	KATAYAMA ET AL.
	16	5358905	1994-10-25	CHIU
	17	5365106	1994-11-15	WATANABE
	18	5381042	1995-01-10	LERNER ET AL.
	19	5391439	1995-02-21	TOMITA ET AL.
	20	5406124	1995-04-11	MORITA ET AL.
	21	5410180	1995-04-25	FUJII ET AL.
	22	5414299	1995-05-09	WANG ET AL.
	23	5424576	1995-06-13	DJENNAS ET AL.
	24	5428248	1995-06-27	CHA
	25	5435057	1995-07-25	BINDRA ET AL.
	26	5444301	1995-08-22	SONG ET AL.
	27	5452511	1995-09-26	CHANG
	28	5454905	1995-10-03	FOGELSON
	29	5474958	1995-12-12	DJENNAS ET AL.
	30	5484274	1996-01-16	NEU
	31	5493151	1996-02-20	ASADA ET AL.
	32	5508556	1996-04-16	LIN .
	33	5517056	1996-05-14	BIGLER ET AL.
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Application Number	10/667.226				
	09/18/2003				
	Donald C. Foster				
Art Unit	2811				
Examiner Name	Unknown				
Attorney Docket Number	AMKOR-089A				

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of

Applicati n Number 10/667,226 Filing Date 09/18/2003 First Named Inventor Donald C. Foster Art Unit 2811 Examiner Name Unknown Attorney Docket Number AMKOR-089A

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V		60010756	01/19/1985	JAPAN	•			

Examiner Feb 7. 2006 Date Signature Considered



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Application Number

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Donald C. Foster
Art Unit	2811
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Ine		4098864		JAPAN		П
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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/667.226 INFORMATION DISCLOSURE Filing Date 09/18/2003 STATEMENT BY APPLICANT First Named Inventor Donald C. Foster Art Unit 2811 (use as many sheets as necessary) Examiner Name Unknown Sheet of Attorney Docket Number AMKOR-089A

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code 2 (il known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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Im		EP0720234	03/07/1996	EU. PAT. OFFICE	······································	
1		7312405	11/28/1995	JAPAN	1	Г
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Applicati n Number	10/667,226				
	09/18/2003				
First Named Inventor	Donald C. Foster				
	2811				
Examiner Name	Unknown				
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Application Numb r	10/667.226	
	09/18/2003	
	Donald C. Foster	
Art Unit	2811	
Examiner Name	Unknown	
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09/18/2003 First Named Inventor Donald C. Foster Art Unit 2811 Examiner Name Unknown

Attorney Docket Number AMKOR-089A

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